Application No. 10/018,884
Amdt. dated February 23, 2004
Reply to Office Action of October 22, 2003
Docket No. 0508-1051

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-26. (canceled)

- 27. (new) A phytosanitary method for the protection of plants against pathogens or predators and/or for facilitating the adaptation of plants to raised ozone levels, comprising applying to said plants a 1,3 β - \underline{D} -glucanase amplifying effective amount of oligo 1,4 β - \underline{D} -mannuronans.
- 28. (new) The phytosanitary method according to claim 27, wherein said oligo 1,4 $\beta-\underline{D}$ -mannuronans are of DP less than 30.
- 29. (new) The phytosanitary method according to claim 27, wherein said oligo 1,4 $\beta-\underline{D}\text{-mannuronans}$ are of DP between 2 and 15.
- 30. (new) A biofertilizing method for controlling abscission, controlling growth or maturation of a pistil or anthers, controlling organization of cell walls during expansion of tissues and/or reinforcing plant cell walls and adapting them to environmental stimuli, comprising applying to plants a 1,3 β -D-glucanase/1,4 β -D-glucanase/ xyloglucan endotransglycolase amplifying effective amount of oligo 1,4 β -D-mannuronans.

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- 31. (new) The biofertilizing method according to claim 27, wherein said oligo 1,4 $\beta-\underline{D}$ -mannuronans are of DP less than 30.
- 32. (new) The biofertilizing method according to claim 27, wherein said oligo 1,4 $\beta-\underline{D}-mannuronans$ are of DP between 2 and 15.
- 33. (new) The biofertilizing method, comprising applying to said plants a xyloglucan endotransglycolase amplifying effective amount of oligo 1,4 β -D-mannuronans of DP4.
- 34. (new) The biofertilizing method according to claim 33, comprising controlling the organization of cell walls during expansion of the tissues and reinforcing the plant cell walls and adapting them to environmental stimuli by applying to said plants a xyloglucan endotransglycolase amplifying effective amount of oligo 1,4 β -D-mannuronans of DP4.